

VLADIMIROV, V. Ya.

VLADIMIROV, V. Ya.: "Changes in certain hemodynamic and biochemical blood indexes in infarct of the myocardium". Moscow, 1955.
Min Health USSR. Central Inst for Advanced Training of Physicians.
(Dissertations for the Degree of Doctor of Medical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December, 1955. Moscow.

VLADIMIROV, V.Ya.

Anticoagulant dicoumarin and its practical significance. Ter. arkh.,
Moskva 24 no. 6:70-82 Nov-Dec 1952. (CLML 24:1)

1. Candidate Medical Sciences. 2. Of the Hospital Therapeutic Clinic
(Head -- Honored Worker in Sciences Prof. N. A. Kurshakov). Second
Therapeutic Faculty of First Moscow Order of Lenin Medical Institute.

SAMARINA, N.Ye.; MYACHKOVA, Ye.A.; SUKHANOVA, T.K.; VLADIMIROV, V.Ye.,
otv. red.

[Economy of Kurgan Province; statistical abstract] Narodnoe
khoziaistvo Kurganskoi oblasti; statisticheskii sbornik. [n.p.]
Gosstatizdat TsSU SSSR, Cheliabinskoe upr., 1963. 268 p.
(MIRA 16:7)

1. Kurgan (Province) Oblastnoye statisticheskoye upravleniye.
2. Nachal'nik Statisticheskogo upravleniya Kurganskoy oblasti
(for Vladimirov).

(Kurgan Province--Statistics)

TSVETKOV, P., inzh; VADANOV, V., inzh.

Relationship between physical and mechanical analyses of
upper leathers, and their importance for the footwear in-
dustry. Kozhi Sofia 5 no.54-2 '64

VLADIMIROV, YA. A. (USSR)

"Spectral Examination of the Protein Luminescence."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

ZELENIN, Yevgeniy Vladimirovich; VLADIMIROV, Ya.V., red.; TYSHKEVICH, Z.V.,
tekhn. red.

[Elements of descriptive geometry in school; aid for teachers of
mechanical drawing] Elementy nachertatel'noi geometrii v shkole;
v pomoshch' uchitel'iu chercheniia. Moskva, Izd-vo Akad. pedagogo.
naik RSFSR, 1955. 227 p. (MIRA 14:7)
(Mechanical drawing--Study and teaching)

VLADIMIROV, Yaroslav Vladimirovich

VLADIMIROV, Yaroslav Vladimirovich; KALISHEVSKAYA, Valentina Antonovna;
SHAPOSHNIKOVA, A.A., red.; SOKOLOVA, R.Ya., tekhn.red.

[Teaching mechanical drawing in the schools] Prepodovanie cherchenia
v shkole. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1957. 228 p.
(MIRA 11:4)

(Mechanical drawing--Study and teaching)

VLADIMIROV, Yaroslav Vladimirovich; SHAPOSHNIKOVA, A.A., redaktor; SOKOLOVA,
R.Ya., tekhnicheskii redaktor

[Drawing room in the secondary school, a manual for teachers]
Kabinet chercheniia srednei shkoly; posobie dlia uchitelei. Moskva,
Izd-vo Akademii pedagog. nauk RSFSR, 1956. 62 p. (MLRA 10:3)
(Mechanical drawing)

VLADIMIROV, Yaroslav Vladimirovich; KALICHEVSKAIA, Valentina Antonovna;
SHAPOSHNIKOVA, A.A., redaktor; MUKHINA, T.M., tekhnicheskiy re-
daktor.

[Teaching mechanical drawing in school] Prepodavanie chercheniia
v shcole. Moskva, Izd-vo Akademii pedagog.nauk RSFSR, 1956. 155 p.
(Mechanical drawing--Study and teaching) (MIRA 9:5)

YEFIMOV, Vasilii Yefimovich; VLADIMIROV, Ya.V., red.; NOVOSELOVA, V.V.,
tekhn.red.

[Universal set of equipment for mechanical experiments in schools]
Shkol'nyi nabor po mekhanike. Moskva, Izd-vo pedagog.nauk RSFSR,
1961. 100 p. (MIRA 14:4)
(Mechanics--Experiments)

VLADIMIROV, Ye.

Mass defense work at the shop. Voen.znan. 32 no.10:18
0 '56.

(MLRA 10:2)

(Military education)

VLADIMIROV, Ya.

Trade personnel during the days of the October Revolution. Sov. torg.
no.11:48-52 N '57.

(Russia--Revolution, 1917-1921)

(MIRA 10:12)

VLADIMIROV, E.

Subject : USSR/Aeronautics - Biographic AID P - 4697
Card 1/1 Pub. 58 - 9/17
Author : Vladimirov, E.
Title : Instructor-Volunteer Lida Rozanova
Periodical : Kryl. rod., 5, 11, My 1956
Abstract : Laudatory description of Lida Rozanova's work as
instructor in parachutism in several DOSAAF primary
training organizations in Moscow. The article contains
no factual data of general interest. One photo.
Institution : None
Submitted : No date

VLADIMIROV, Ye.

A new pearl in the old Kremlin. NTO 4 no.1:33-35 Ja '62.

(MIRA 15:1)

(Moscow--Kremlin)

S/123/60/000/008/012/017
A004/A001

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1960, No. 8, p. 125,
38232

AUTHOR: Vladimirov, Ye.I.

TITLE: Electric Spark Machining of Hard-Alloy Tools

PERIODICAL: V sb.: Elektr. i ul'trazvuk. metody obrabotki materialov. Leningrad,
Lenizdat, 1958, pp. 99-110

TEXT: It is reported that technological processes of electric spark machining of hard alloys are effected with the aid of equipment produced by the Leningradskiy karbyuratornyy zavod (LKZ) (Leningrad Carburetor Plant). A short description is given of the LKZ-18 (LKZ-18), LKZ-57, LKZ-51, LKZ-48, LKZ-55 and LKZ-54 machines. Detailed technological indications are given on the grinding of steady bushings, draw plates, plane blanks, sharpening of hard-alloy cutting tools and on circular electric spark grinding, the machining conditions and efficiency of these operations being indicated. It is shown that electric spark copper plating is rather effective for the soldering of hard-alloy tool bits. There are 8 figures.
Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

B.I.A.

VLADIMIROV, E. I. and E. M. LEVINSON.

Ustanovka dlia elektroiskrovogo izgotovleniia otverstii malogo diametra.
Leningrad Leningradskoe gazetno-zhurnal'noe i knizhnoe izd-vo, 1950.
49 p. illus.

Device for manufacturing small diameter holes by means of electric spark
technique.

DLC: TJ1250.14

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of
Congress, 1953.

VLADIMIROV, Ye. I.

25(1))

PHASE I BOOK EXPLOITATION

SOV/1404

Levinson, Ye. M., B. G. Gutkin, A. P. Dyatchenko, and Ye. I. Vladimirov

Polucheniye polostey i otverstii v metalle elektroiskrovym sposobom (Electrospark Method of Cutting Cavities and Holes in Metals) Moscow, Mashgiz, 1952. 93 p. (Series: Bibliotekha elektrotekhnologa, No. 4) 6,000 copies printed.

Ed. (Title page): Gusev, V. N., Laureate of the Stalin Prize, Engineer; Ed. (Inside book): Popilov, L. Ya., Engineer; Tech. Ed.: Sokolova, L. V.; Managing Ed. for Literature on Machine-Building Technology (Leningrad Division, Mashgiz): Nikitin, P. S., Engineer.

PURPOSE: This booklet is intended for technologists working in the field of electrical metalworking processes and for skilled workers.

COVERAGE: The booklet presents basic principles of the electrospark machining of holes and cavities in metals. Information on electrospark equipment is given and some examples of the applications of electrospark machining methods are presented. The following personalities were awarded Stalin prizes for their contributions to the development of electromachining methods: B. R. Lazarenko, N. I. Lazarenko, and V. N. Gusev. For the purpose of introducing and promoting electromachining methods, the Leningrad branch of Mashgiz (State Scientific

Card 1/3

Electrospark Method of Cutting Cavities (Cont.)

80V/1404

and Technical Publishing House of Literature on Machinery) on the recommendation of the Committee on electromachining of Lontomash (Leningrad Branch of the Scientific, Engineering and Technical Society of Mechanical Engineers) undertook publication of the "Library for Electrotechnologists" which includes the following booklets: 1. Gusev, V.N. Anodic-mechanical Machining of Metals. 2. Levinson, Ye. M. Electrospark Machining of Metals. 3. Kosmachev, I.G., P. S. Kryzhanovskiy, and P.D. Klimchenkov. Anodic-mechanical Sharpening of Hard Alloy Tools. 4. Levinson, Ye.M., B.G. Gutkin, A.P. Dyatchenko, and Ye. I. Vladimirov. Electrospark Method of Cutting Cavities and Holes in Metal. 5. Chetyrkin, N.P. Anodic-mechanical Cutting of Metals. 6. Ivanov, V.K. Anodic-mechanical Machining of Draw Plates and Dies. 7. Kan, B. I., and I. G. Kosmachev. Anodic-mechanical Metal Finishing. 8. Gutkin, B.G. and A. L. Vishnitskiy. Controls for the Operating Regime of Electrospark and Anodic-mechanical Machine Tools. 9. Alekseyev, A.V., and L.Ya. Popilov. Electric Hardening of Tools. 10. Bogorad, L.Ya. Electrochemical Metal Polishing: The booklet contains illustrations and diagrams. There are no references.

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Electrospark Method of Cutting Cavities (Cont.)

SOV/1404

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Card 3/3

25(1)

PHASE I BOOK EXPLOITATION

SOV/1951

Levinson, Ye.M., and Ye. I. Vladimirov

Elektroiskrovyie ustanovki (Electric Spark Apparatus) Moscow, Mashgiz, 1951.
246 p. 8,000 copies printed.

Reviewer: B.N. Zolotikh, Candidate of Technical Sciences; Ed.: L.M. Reznitskiy, Candidate of Technical Sciences; Tech. Ed.: Ye.A. Dlugokanskaya; Managing Ed. for Literature on Machine-building Technology (Leningrad Division, Mashgiz): I.S. Terent'yev, Engineer.

PURPOSE: This book is intended for personnel of industrial plants, scientific research and design institutes and for students of vuzes.

COVERAGE: The authors discuss problems on the design and manufacture of apparatus for electric-spark machining of metals and provide the necessary information for selection of appropriate electric circuits and operating conditions. They also furnish descriptions and technical characteristics of electric-spark apparatus. The authors claim that the electric-spark method of machining metals was discovered by Soviet scientists B.R. and N.I. Lazarenko. The lack of tech-

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Electric Spark Apparatus

SOV/1511

nical literature on the design of electric-spark equipment, however, has retarded the introduction of this new method. The present work is an attempt to meet this need. The growing demand for electric-spark equipment can no longer be met by single-unit production and there now exists a sharp need to organize lot production of this equipment. The book is based on the experience of the authors in the design and manufacture of electric-spark equipment at the Leningradskaya lesotekhnicheskaya akademiya imeni M.S. Kirov and the Leningradskiy karbyuratorsnyy zavod imeni V.V. Kuybyshev. There are 10 Soviet references.

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Electric Spark Apparatus

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Card 4/4

PHASE I BOOK EXPLOITATION

SOV/4999

Vladimirov, Yevgeniy Vladimirovich, and Yevgeniy Vasil'yevich Dneprovskiy

Aktivnyy i avtomaticheskii kontrol' detaley na stankakh-avtomatakh i avtomaticheskikh liniyakh (The Feedback and Automatic Control of Parts on Automatic Machine Tools and Automatic Lines) Minsk, Gos. izd-vo BSSR, 1960. 138 p. 2,000 copies printed.

Ed.: S. Pol'skiy; Tech. Ed.: N. Stepanova.

PURPOSE: This book is intended for personnel dealing with the automation of production, and especially for those concerned with problems of automatic control.

COVERAGE: The book, based on Soviet and non-Soviet sources, presents an analysis of methods and devices used in the feedback and automatic control of parts in the machine industry. Particular attention is given to types and systems of feedback control, the construction of transducers, and the use of transducers in various types of automatic machine tools and production lines. Chapters I, II; IV, V, and VI were written by Ye. V. Dneprovskiy, Engineer; Ye. V. Vladimirov, Engineer, wrote chapters III, VII, and VIII. The book was written under the supervision and with the participation of G. K. Goranskiy, Candidate of Technical Sciences.

Card 1/4

VLADIMIROV, Ye.V., starshiy master.

Eliminating vibration from a CR-20 type turbine. *Energetik* 1 no.3:7 Apr '53.

(MLRA 6:8)

(Steam turbines)

GORANSKIY, G.K.; VLADIMIROV, Ye.V.

Analysis of technical and economic indices of the performance
of automatic lines manufacturing ball and roller bearings at
the First State Bearing Plant. Sbor.trud.Inst.mash.i avtom.AN BSSR
no.1:9-18 '61.

(Moscow—Bearing industry)

(Automation)

(MIRA 16:5)

GORBATSEVICH, A.F.; VLADIMIROV, Ye.V.

Effect of some technological factors on the precision of
gears in line production. Sbor.trud.Inst.mash.i avtom.AN BSSR
no.1:56-77 '61. (MIRA 16:5)

(Gear cutting)

VLADIMIROV, Yu.

"Outstanding athletes". Reviewed by IU. Vladimirov. Voen.
znan. 39 no.1:39 Ja '63. (MIRA 16:1)

(Athletes)

VLADIMIROV, Yu.

Vladimirov, Yu.- "The Uralmash orchards," (An essay on I. A. Nosenko, the Pioneer-Michurinets of collective horticulture) Ural'shiy sovremennik, No. 14, 1949, p. 130-51

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

VLADIMIROV, Yu.A.; LI CHIN'-GO

Luminescence spectra of proteins and aromatic amino acids at
different pH. Biofizika 7 no.3:270-280 '62. (MIRA 15:8)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta imeni V.M.Lomonosova, Moskva.
(PROTEINS—SPECTRA) (AMINO ACIDS—SPECTRA)

VLADIMIROV, Yu. A. Cand Biol Sci -- (diss) "Photochemical processes in albumin systems. (On the possibility of migration of energy in molecules of albumin)." Mos, 1957. 16 pp (Mos Order of Lenin and Order of Labor Red Banner State Univ im M. V. Lomonosov), 110 copies (KL, 43-57, 87)

-16-

VLADIMIROV, Yu.A.; KONEV, S.V.

Possibility of energy transfer in a protein molecule [with summary in English]. Biofizika 2 no.1:3-19 '57. (MLRA 10:3)

(PROTEINS) (FORCE AND ENERGY)

VLADIMIROV, Yu.A.; KONEV, S.V.; LITVIN, F.F.

The Second All-Union Conference of Photosynthesis. Zhur.fiz.khim.
31 no.8:1908-1911 Ag '57. (MIRA 10:12)
(Photosynthesis--Congresses)

VLADIMIROV, Yu.A., LITVIN, F.F.

Use of photomultipliers in measuring fluorescence spectra of
modeling systems and living objects. Biofizika 3 no.5:606-609
'58 (MIRA 11:10)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta imeni M.V. Lomonosova.

(FLUORESCENCE,

measurement in living & model systems with photo-
multipliers (Rus))

VLADIMIROV, Yu. A.

with S. V. Konev "Mechanism of energy migration of light quanta in protein"

report presented at the 10th All-Union Conf. on Highly Molecular Compounds,
Biologically Active Polymer Compounds, Moscow, 11-13 June 1958. (Vest.Ak
Nauk SSSR, 1958, No. 9, pp. 111-113)

VLADIMIROV, Yu.A.; KONEV, S.V.

Possible mechanisms of energy migration in the protein molecule.
Biofizika 4 no.5:533-540 '59. (MIRA 14:6)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta,
imeni M.V.Lomonosova.
(PROTEINS) (FORCE AND ENERGY)

VLADIMIROV, Yu.A.; LITVIN, F.F.

Investigation of extremely weak luminescence in biological systems.
Biofizika 4 no.5:601-605 '59. (MIRA 14:6)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta imeni M.V.Lomonosova.
(LUMINESCENCE)

24(7)

SSR/46-23-1-16/36

AUTHOR: Vladimirov, Yu. A.

TITLE: Fluorescence of Aromatic Amino Acids in Solutions, Crystals and Albumins (Fluorestsentsiya aromaticeskikh aminokislot v rastvorakh, kristallakh i belkakh)

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959, Vol 23, Nr 1, pp 86 - 89 (USSR)

ABSTRACT: In the present paper the author gives the fluorescence spectra of aromatic amino acids in the solution 0.1 M Na_2HPO_4 , i.e. phenyl alanine (1), tyrosine (2), tryptophane (3) (Fig 1), in the form of powder, and a mixed crystal of 1, 3 (Fig 2), of the albumins zein, arachine, ovalbumin, serum albumin and the amino acid of the latter (calculated)(Fig 3). Furthermore, the maxima of the various substances are mentioned and compared with results obtained by other authors. Finally, the author studies the interrelation between the individual spectra. It was found that the tyrosine maximum is not shifted if it is included into the peptide chain of zein (maximum at 304 m μ). The maxima of ovalbumin, serum albumin and arachine possess a maximum that corresponds to crystalline

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Fluorescence of Aromatic Amino Acids in Solutions,
Crystals and Albumins

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tryptophane. According to the amino acid, phenyl alanine, tyrosine and tryptophane content of the various albumins (Table) the authors assumed that the above-mentioned phenomenon represents an energy migration from phenyl alanine to tyrosine and tryptophane and from tyrosine to tryptophane. There is no tryptophane contained in zein. The author thanks A. N. Terenin and A. A. Krasnovskiy for supervising the work. There are 3 figures, 1 table, and 6 references, 3 of which are Soviet.

Card 2/2

VLA DIMIRAY, YU. A.

PLATE I BOOK EXPLOITATION

507/1973

Sbornik nauchnykh po lyuminescentii, Bzh, 1959

Metody lyuminescentnoy analize, materialy sbornika (Methods for Luminescence Analysis: Materials of the Bzh Conference) Minsk, Izdat. AS BSSR, 1960. 147 p. 1,000 copies printed.

Sponsoring Agency: Akademiya nauk Belorusskoy SSR, Institut fiziki.

General Ed.: S. A. Borisovich; Ed.: L. Timofeyev; Tech. Ed.: B. Shtern.

PURPOSE: This collection of articles is intended for chemists and physicists interested in molecular luminescence, and for scientific personnel concerned with applications of data and related phenomena in research in the life sciences.

CONTENTS: The collection contains 28 papers read at the Eighth Conference on Luminescence, which took place 19-24 October, 1959 (place of conference not given). These studies are concerned principally with the development of new luminescence methods for quantitative and qualitative analytical and biological research. They discuss luminescence in chemical and biological systems. They discuss luminescence methods for the determination of uranium, mercury, magnesium, sodium, boron, and other elements, as well as luminescence methods for the diagnosis of skin cancer and the detection of grape virus, pathogenic microorganisms, etc. The structural design of new instruments for luminescence analysis is described. The conference was not concerned with studies on the photophysics of dyes and phosphors. There is a discussion of the contribution of the year and specialists in molecular luminescence to the progress of the year and a half preceding the conference. The studies of V. K. Matyev (p. 75) and of V. V. Petukhov (p. 79) have been included because of their importance. No personalities are mentioned. References accompany most of the articles.

Kalishin, I. A. Institute of Nutrition of the Academy of Medical Sciences AS USSR. Fluorescent (Immunochemical) Serum for the Detection of Cl. Botulinum 122

Vallentyne, A. L., and E. J. Shugart (Colloquially Gosudarstvennyy meditsinskii Institut (State Medical Institute)). Quantitative Determination of Cerebral Glycogen in Solutions by Objective Luminescence Analysis 127

Medvedev, Yu. A. Moscow State University and M.Y. Lomonosov. Spectrophotometric Determination of Luminescence and Afterglow of Aromatic and Aromatic Amino Acids 132

Kozlov, S. I., and I. I. Korovin (Vsesoyuznyy Institut khimicheskoy fiziki, Akademiya Nauk SSSR). A New Fluorescence Method of Determining Albumin in Milk 137

Mikhaylov, O. I., and S. M. Koshlyuk (All Union Scientific Research Institute of Chemical Reagents). Fluorescent Dyes for Labeling Albumin 143
Orlovskiy, V. V., O. A. Kopylov, and A. V. Yermolovich. Determination of Pyruvate in Biological Systems by the Determination of Spectra of Certain Free Species by the Luminescent Method 145

AVAILABLE: Library of Congress

S/030/60/000/05/39/056
B015/B008

AUTHORS: Vladimirov, Yu. A., Candidate of Biological Sciences,
Litvin, F. F., Candidate of Biological Sciences

TITLE: Photochemical Problems of Photosynthesis ✓

PERIODICAL: Vestnik Akademii nauk SSSR, 1960, No. 5, pp. 99-102

TEXT: A joint meeting of the Otdeleniye khimicheskikh nauk Akademii nauk SSSR (Department of Chemical Sciences of the Academy of Sciences USSR) and the Otdeleniye biologicheskikh nauk Akademii nauk SSSR (Department of Biological Sciences of the Academy of Sciences USSR) was held on January 29, 1960. The reports dealt with the latest achievements of the investigation of the primary photochemical and photophysical processes in photosynthesis. A. N. Terenin reported on the coupling of spatially separate reactions in chloroplasts. V. B. Yevstigneyev and A. N. Terenin discovered in 1950 the photogalvanic effect in layers of chlorophyll, pheophytin and phthalocyanin. A. N. Terenin and V. L. Yermolayev proved the great part played by the migration of the excitation energy between triplet levels in physical systems. K. A. Timiryazev reported on the chemical alteration of

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Photochemical Problems of Photosynthesis

S/030/60/000/05/39/056
B015/B008

chlorophyll under the influence of light. A. A. Krasnovskiy discovered in 1948 the photochemical reaction of chlorophyll. He mentioned in his report the investigation results in this field which were conducted by the Institut biokhimii Akademii nauk SSSR (Institute of Biochemistry of the Academy of Sciences USSR) jointly with the Institut khimicheskoy fiziki (Institute of Chemical Physics). V. B. Yevstigneyev examined the processes of the pigments in their photochemical alterations. F. F. Litvin, Yu. A. Vladimirov, and A. A. Krasnovskiy reported on the reemission of the quanta absorbed by chloroplasts. D. I. Sapozhnikov, Z. M. Eydel'man, N. V. Bazhanova, T. G. Maslova, and O. F. Popova discovered and investigated the photochemical reduction of violaxanthin into lutein. Z. M. Eydel'man, D. I. Sapozhnikov, N. V. Bazhanova, O. F. Popova, and G. A. Shiryayeva reported on the conversion of light energy into energy of pyrophosphate compounds. The meeting showed the advantage of a joint work of chemists, physicists and biologists in the field of photosynthesis.

Card 2/2

LITVIN, F.F.; VLADIMIROV, Yu.A.; KRASNOVSKIY, A.A.

Chemiluminescence of chlorophyll in photochemical reactions.
Usp.fiz.nauk 71 no.1:149-156 My '60. (MIRA 13:5)
(Chlorophyll) (Luminescence) (Photochemistry)

VLADIMIROV, Yu.A.; LITVIN, F.F.

Low-temperature afterglow of aromatic amino acids and proteins.
Biofizika 5 no. 2:127-133 '60. (MIRA 14:4)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta im. M.V. Lomonosova.
(AMINO ACIDS) (PROTEINS) (PHOSPHORESCENCE)

VLADIMIROV, Yu.A.; BURSHTEYN, E.A.

Fluorescence of aromatic amino acids and proteins. *Biophysika* 5
no. 4:385-392 '60. (MIRA 13:12)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta imeni M.V. Lomonosova.
(AMINO ACIDS) (FLUORESCENCE)

S/053/60/071/01/07/011
B006/B011

AUTHORS: Litvin, F. F., Vladimirov, Yu. A., Krasnovskiy, A. A.

TITLE: Chemoluminescence of Chlorophylls in Photochemical Reactions

PERIODICAL: Uspekhi fizicheskikh nauk, 1960, Vol. 71, No. 1, pp. 149-156

TEXT: The authors investigated the red chemoluminescence in the oxidation of a reduced form of chlorophyll and the chemoluminescence in the irradiation of chlorophyll solutions in the air, as well as the afterglow and the thermoluminescence of chloroplast films, extracts and pure pigments, and the dependence of these effects on temperature and the presence of oxygen. A report is made on these investigations and on the results obtained. Fig. 1 shows the extinction curves of the afterglow in green leaves and the chemoluminescence in the oxidation of a photo-reduced form of the chlorophyll (in pyridine solution + ascorbic acid). The diagram contains two more curves reproducing chemoluminescence with different ascorbic acid contents in the solution. A strong dependence of the luminescence yield on the ascorbic acid content was found. Chemoluminescence was found to be a consequence of the oxidation of photo-

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Chemoluminescence of Chlorophylls in Photo-chemical Reactions

S/053/60/071/01/07/011
B006/B011

reduced chlorophyll; it could be only observed on pure chlorophyll a. Fig. 2 depicts the dependence of chemoluminescence on the oxygen and ammonia content in the solution, and Fig. 3 illustrates the kinetics of chemoluminescence of the rate in the change of the optical density in the oxidation of a photoreduced form of chlorophyll. It was further found that the luminescence quantum is emitted from the chlorophyll molecule, but that intensities are so low that no spectrum could be taken. Chemoluminescence was also observed in such cases where photoreduction of pheophytin a occurred at -40°C . The authors further investigated pyridine solutions of mixtures of chlorophyll a and b, pure chlorophyll a and pheophytin a. Fig. 4 shows extinction curves of the chemoluminescence of chlorophyll solutions in pyridine after irradiation in vacuum and in the air. Results are then discussed, as were obtained from the investigation of chemoluminescence of chlorophyll in films of different material and in chloroplasts. Table 1 shows the duration of afterglow and the duration of the thermoluminescence of different films that were partly irradiated in vacuum and partly in oxygen. Fig. 5 shows extinction curves of afterglows and thermoluminescence. In general, thermoluminescence and afterglows were only observed in such cases, when there was oxygen present during the



Card 2/3

Chemoluminescence of Chlorophylls in Photo-
chemical Reactions

S/053/60/071/01/07/011
B006/B011

excitation irradiation. Nor did there occur any thermoluminescence, when chloroplast films had been irradiated at nitrogen temperatures; an intensive afterglow of nonactivated oxygen occurred in this case. The longer afterglow of photosynthesized cells and tissues, chloroplast suspensions and pigment solutions, as well as the thermoluminescence of chloroplasts are assumed to have a common nature, viz. they are assumed to be caused by the chemoluminescence of photoproducts. A. N. Terenin is mentioned. There are 5 figures, 1 table, and 13 references, 5 of which are Soviet.

Card 3/3

VLADIMIROV, YU. A.

"Studies on the Possibility and Mechanism of Energy Migration in Protein Molecule."

Paper submitted for International Biophysics Congress: Stockholm
31 Jul - 4 Aug. '61.

Dept of Biophysics, Faculty of Biology, Moscow State Univ, Moscow.

VLADIMEROV, YI. A., KRABNOVSKIY, A. A., LITVIN, S. S. (USSR)

"Use of a Photon Counter in the Investigation of Chlorophyll
Chemiluminescence in Photobiochemical Reactions."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 August 1961

RABINOVICH, Ye. [Rabinowitch, Eugene]; VLADIMIROV, Yu.A. [translator];
LITVIN, F.F. [translator]

Primary photochemical and photophysical processes in photosynthesis.
Usp.fiz.nauk 74 no.2:289-302 Je '61. (MIRA 14:6)
(Photochemistry) (Physics) (Photosynthesis)

VLADIMIROV, Yu.A.

Fluorescence of aromatic amino acids in the protein molecule.
Dokl. AN SSSR 136 no.4:960-963 F '61. (MIRA 14:1)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
Predstavleno akademikom A.N. Terenin.
(AMINO ACIDS) (FLUORESCENCE)

LITVIN, F.F.; VLADIMIROV, Yu.A.

Symposium on the mechanism of photosynthesis at the First
International Biochemical Congress. Biokhimiya 7 no.5:552-556
'62. (MIRA 17:8)

VLADIMIROV, Yu.A.; LITVIN, F.F.; TAN' MAN'-TSI [T'an Man-ch'i]

Role of excited conditions and the nature of extremely weak
luminescence in biological systems. Biofizika 7 no.6:675-
682 '62. (MIRA 17:1)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta im. Lomonosova.

VLADIMIROV, Yu.A.; LITVIN, F.F.; UTEVSKAYA, L.B.

Use of the fluorometric method in studying the permeability
of histohematic barriers. Dokl. AN SSSR 148 no.1:227-230 Ja '63.
(MIRA 16:2)

1. Institut biologicheskoy fiziki AN SSSR i Moskovskiy gosudarst-
vennyy universitet im. M.V. Lomonosova. Predstavleno akademikom
L.S. Shtern.

(FLUOREMETRY) (CAPILLARIES—PERMEABILITY)

BURLAKOVA, Yelena Vladimirovna; VLADIMIROV, Yuriy Andreyevich;
KOL'S, Ol'ga Romanovna; ERIGER, Yuriy Arkad'yevich;
KUDRYASHOV, Yuriy Borisovich; LITVIN, Feliks Fedorovich;
KOMAZYUK, Vasiliiy Grigor'yevich; CHERKASOVA, V.I., red.

[Laboratory work in biophysics] Malyi praktikum po biofizike.
[By] E.V. Burlakova i dr. Moskva, Vysshaya shkola, 1964.
407 p. (MIRA 18:3)

BURSHTEYN, E.A.; VLADIMIROV, Yu.A.; Primala uchastiye SUSLOVA, T.B.

Measurement of the absorption and excitation spectra of biological
luminescence in the short-wave and ultraviolet area. Biofizika 9
no.2:184-193 '64. (MIRA 17:12)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

VLADIMIROV, Yu.A.; L'VOVA, O.F.

Extremely weak luminescence and oxidative phosphorylation in
mitochondria. Biofizika 9 no.4:506-507 '64. (MIRA 18:3)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

VLADIMIROV, Yuriy Andreyevich; FRANK, G.M., otv. red.; UMRUKHINA,
A.V., red.

[Photochemistry and luminescence of proteins] Fotokhimiia
i liuminestsentsiia belkov. Moskva, Nauka, 1965. 231 p.
(MIRA 19:1)

VLADIMIROV, Yu.A.; LITVIN, P.P.

Mechanism of ultraweak luminescences in biological systems.
Trudy KOLP. Otd. biol. 21:51-59 '65. (ITERA 18:6)

ROSHCHUPKIN, D.I.; VLADIMIROV, Yu.A.

Study of primary photochemical processes in proteins. Report No.2:
Reactions in frozen solutions of aromatic amino acids and proteins
at 77-200° K. Biofizika 10 no.1:48-55 '65.

(MIRA 18:5)

1. Biologo-pochivennyy fakul'tet Moskovskogo gosudarstvennogo uni-
versiteta imeni Lomonosova i Institut biologicheskoy fiziki AN SSSR,
Moskva.

VLADIMIROV, Yu.A.; AKSENTSEV, S.I.; OLFNEV, V.I.

Heat and light "induced" phosphorescence of proteins and aromatic amino acids exposed to ultraviolet irradiation. Biofizika 10 no.4:614-618 '65. (MIRA 18:8)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

AKSENTSEV, S.L.; OLENEV, V.I.; VLADIMIROV, Yu.A.

Spectrum of the action of visible-light induced phosphorescence
of aromatic amino acid solutions irradiated with ultraviolet rays
at 77°K. Biophysika 10 no.5:877-878 '65.

(MIRA 18:10)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

VLADIMIROV, Yu.A., ZIMINA, G.M.

Luminescence of some proteins and tryptophan under monochromatic
excitation in solutions with different pH. Biokhimiia 30
no.6:1105-1114 N-D '65. (MIRA 1961)

1. Institut biologicheskoy fiziki AN SSSR, Moskva. Submitted
January 9, 1964.

SOSNOV, L.P., inzh.-mayor; VLADIMIROV, Yu. G., inzh.-kapitan

Operation of the oxygen equipment of a bomber. Vest. Vozd. Fl.
41 no. 7:62-67 J1 '58. (MIRA 11:?)
(Airplanes--Oxygen equipment)
(Bombers)

VIADIMIROV, Yu.G., inzhener-mayor

Features of working with a high-altitude camera attachment.
Vest.Vozd.Fl. no.1:80-83 Ja '60. (MIRA 13:8)
(Photography, Aerial)

SOV/86-58-7-24/38

AUTHOR: Sosnov, L. P., Engr Maj, and Vladimirov, Yu. G.,
Engr Capt

TITLE: The Use of Oxygen Equipment on Bombers (Ekspluatatsiya
kislородного oborudovaniya bombardirovshchika)

PERIODICAL: Vestnik vozdushnogo flota, 1958, Nr 7, pp 62-67 (USSR)

ABSTRACT: In this article the authors state that it is more ad-
vantageous to use the gasifiers with liquid oxygen than
the bottles with gaseous oxygen in bomber aircraft.
According to the authors, the KPZh-30 aircraft gasifier
containing liquid oxygen is extensively used in Soviet
bomber units. The authors describe some details con-
cerning the maintenance of aircraft oxygen equipment as
well as how to check the proper functioning of such equip-
ment during flights. Gasifiers are refilled with oxygen
either from the TRZhK-1 transport tanks of liquid oxygen
or from Dewar flasks. The latter are used for refilling
single aircraft. Liquid oxygen, according to the authors,
can be used also by other types of aircraft. One photo,
1 diagram.

Card 1/1

VLADIMIROV, Yu.I.

Method for active aspiration in draining the pleural cavity.
Grud. khir. 3 no.2:119-120 '61. (MIRA 14:4)
(DRAINAGE, SURGICAL) (LUNGS--SURGERY)

VLADIMIROV, Yu.S.

Annihilation of an electron-positron pair to produce two
gravitons. Zhur. eksp. i teor. fiz. 43 no.1:89-91 J1 '62.
(MIRA 15:9)

1. Moskovskiy gosudarstvennyy universitet.
(Gravitation) (Quantum field theory)

VLADIMIROV, Yu.S.

Gravitational transmutations of fermions. Zhur. eksp. i teor. fiz.
45 no.2:251-259 Ag '63. (MIRA 16:9)

1. Moskovskiy gosudarstvennyy universitet.
(Spinor analysis) (Gravitation)

VLADIMIROV, Yu.S.

New interpretation of the torsion field. *Izv.vys.ucheb.zav.;fiz.no.2:*
133-140 '63.

(MIRA 16:5)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Calculus of tensors) (Spinor analysis)

L 17841-63

EWI(m)/BDS

AFFIC/ASD

ACCESSION NR: AP3005276

S/0056/63/045/002/0251/0259

52
51

AUTHOR: Vladimirov, Yu. S.

TITLE: Gravitational transmutations of fermions 19

SOURCE: Zhur. eksper. i teoret. fiz., v. 45, no. 2, 1963, 251-259

TOPIC TAGS: transmutation, transformation, fermion, graviton, interaction Lagrangian, gravitational transformation, gravitational transmutation, spinor particle, annihilation

ABSTRACT: It is pointed out that cross sections for the annihilation of a pair of spinor particles into two gravitons of a linearized gravitational field calculated by the author (ZhETF, 43, 89, 1962) were only an approximation. An expression for the density of interaction Lagrangian for the spinor, gravitational, and electromagnetic fields necessary to calculate more exact cross sections is derived. The quantization of a weak gravitational field principle was used to derive effective cross sections for the annihilation of a fermion pair into two gravitons and for annihilation into a photon and a graviton. The cross section for the Compton effect of a photon interacting with a fermion with transmutation into a graviton was also calculated. Relatively simple formulas were derived for

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L 17841-63

ACCESSION NR: AP3005276

the cross sections in the classical and ultrarelativistic cases. Orig. art.
has: 1 figure and 40 formulas.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: 25Jan63

DATE ACQ: 06Sep63

ENCL: 00

SUB CODE: PH

NO REF SOV: 003

OTHER: 005

Card 2/2

VLADIMIROV, Yu.S.

Particle scattering by a spherically symmetrical gravitational
field. *Izv. vys. ucheb. zav.; fiz.* 7 no.6:82-85 '64.
(MIRA 18:2)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

ACCESSION NR: A70002208

AUTHOR: Vladimirov, Yu. S.

TITLE: Scattering of particles by a spinor axis-symmetrical gravitational field

SOURCE: IVUZ. Fizika, no. 5, 1984, 2-11

TOPIC TAGS: particle scattering, scattering cross section, gravitational field, spinor particle, vector particle, scalar particle

ABSTRACT: The author investigated the scattering of quanta of spinor and vector fields by a spinor axis-symmetrical gravitational field. The results are presented for the case of a field of a rotating body. The scattering cross section can be expanded in powers of $\hbar$ and depends on the density of the gravitational field tensor. It is shown that the results are valid for the gravitational scattering of particles with spin $\frac{1}{2}$ and 1 .

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L 22480-65

ACCESSION NR: AF5002258

the case of small scattering angles θ , all the cross sections are proportional to $d\sigma/d\Omega$, which corresponds to classical scattering by a sphere. "I thank N. V. Mitskevich and D. D. Ivanenko for useful and fruitful discussions." Orig. art. has: 13 formulas

ASSOCIATION: Moskovskiy gosuniversitet imeni M. V. Lomonosova (Moscow State University)

SUBMITTED: 27Jun64

ENCL: 00

SUB CODE: NP, GP

NR REF SOV: 004

OTHER: 003

Card 2/2

ASTROV, Yevgeniy Ivanovich; VLADIMIROV, Yu.V., red.

[Clad multilayer metals] Flakirovannye mnogosloinnye
metally. Moskva, Metallurgiya, 1965. 239 p.
(MIRA 18:9)

KSENZUK, Feofan Andreyevich; KHUDAS, Aleksandr Luk'yanovich;
VLADIMIROV, Yu.V., red.

[Operator of continuous hot rolling sheet mills] Val'tsov-
shchik nepreryvnykh listovykh stanov goriachei prokatki.
Moskva, Metallurgiya, 1965. 127 p. (MIRA 18:7)

ACHKASOV, V.I., kand. istorich. nauk, kapitan 1-go ranga; VLADIMIROV, Z.G.,
kand. istorich. nauk, kapitan 1-go ranga

Under the revolutionary banners of combat. Mor. sbor. 48 no.11:16-20
N '64. (MIRA 18:1)

GAUZE, G.F.; VLADIMIROVA, G.B.; ZIMENKOVA, L.P.; LANDAU, N.S.

Study of the antibiotic properties of mutants of micro-organisms with
oxidation defects. Antibiotiki 8 no.12:1082-1085 D '63. (MIRA 17:10)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.

GAUZE, G.F.; KOCHETKOVA, G.V.; VLADIMIROVA, G.B.; LANDAU, M.S.

Some characteristics of the mutants of *Staphylococcus*
afermentans with a respiratory defect. *Mikrobiologiya* 32
no.2:260-265 Mr-Apr '63. (MIRA 17:9)

1. Institut po izyskaniyu novykh antibiotikov ANU SSSR.

KUZNETSOV, Ye.D.; VLADIMIROVA, M.G.

Iron as a factor restricting the growth of chlorella in the
Tamiya medium. Fiziol. rast. 11 no.4:615-619 J1-Ag '64.
(MIRA 17:11)

1. Institut fiziologii rasteniy imeni Timiryazeva AN SSSR, Moskva.

VLADIMIROVA, M.V.

Use of the relations between linear energy transfer and
radiochemical yields in measuring the intensity of sources
of ionizing radiation. Atom. energ. 17 no.3:222-224, S '64.
(MIRA 17:9)

KORZHEV, A.A.; VLADIMIROVA, V.A.

Evaluation of the possibility of using radioisotopes to study
permeable layers. Prikl. geofiz. no.33:225-231 '62. (MIRA 15:10)

(Radioisotopes--Industrial applications)
(Rocks--Permeability)

PHASE I BOOK EXPLOITATION

743

Vladimirov, Yuriy Vladimirovich

Ural industrial'nyy (The Industrial Urals) [Sverdlovsk] Sverdlovskoye knizhnoye
izd-vo, 1957. 137 p. 5,000 copies printed.

Ed.: Zimin, A.V.; Tech. Ed.: Nosova, L.; Reviewer: Zhukov, P.A., Candidate of
Economic Sciences.

PURPOSE: This is a popular history of recent economic developments in the Ural
area, based on personal observations. It is intended for the general reader.

COVERAGE: This account of the growth of Ural industries is based on the author's
own experience gained during the last 30 years. During this time the author
observed most of the larger construction projects. The author surveys the
main achievements of the five year plans including the wartime upheaval and
he summarizes the advances made during the two postwar five year plans. Although
no systematic evaluation is available on the individual branches of Ural
industries, the book gives facts and figures on various installations and makes
reference to future projects. There are no tables, photographs, or references.

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The Industrial Urals

743

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The Workers of the Ural Area are Strengthening International Friendship 125

AVAILABLE: Library of Congress

Card 2/2

mm/fal
11-5-58

VLADIMIROV, Z.

Great Chinese canal. Vokrug sveta no.5:17-21 My '54. (MLRA 7:6)
(Grand canal)

VIADIMIROV, Z.

Tea in Chekiang. Vokrug sveta no.11:33-36 N '54. (MIRA 7:11)
(Chekiang Province, China--Tea) (Tea--Chekiang Province,
China)

ACC NR: AP6032950

SOURCE CODE: UR/0020/66/170/003/0548/0551

AUTHOR: Zhurakovskiy, Ye. A.; Vladimirova, A. A.; Dzegantovskiy, V. P.

ORG: Institute of Problems of the Science of Materials, Academy of Sciences USSR
(Institut problem materialovedeniya Akademii nauk USSR)

TITLE: The K_{β} -spectrum of x-ray fluorescence in metallic scandium and some of its high-melting compounds

SOURCE: AN SSSR. Doklady, v. 170, no. 3, 1966, 548-551

TOPIC TAGS: scandium, scandium compound, fluorescence spectrum, x ray spectroscopy

ABSTRACT: The structure of the valence bands in metallic scandium and its carbide, boride, nitride and oxide (Sc, ScC, ScF₂, ScN, Sc₂O₃) were investigated in a study of the fine structure of K_{β} emission lines in these materials. Due to low stability of metallic Sc and some of its compounds, the samples were placed in a vacuum and excitation was brought about by means of a sealed copper tube (30 kv, 30-35 ma). The (1010) plane of a bent quartz crystal was used for analyzing the spectrum. The resolving power of the spectrograph was 10,000. Except for a small shift (1 ev toward the long wavelength side) observed for the ScC the short wavelength side of the K_{β} line remained unchanged in shape and position. The shape and position of the K_{β_5} line appears to be

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UDC: 539.26

ACC NR: AP6032850

most sensitive to the changes in chemical bonding. In contrast to the shape exhibited by Sc, in its compounds the K_{β_5} line shows two distinct maxima. The compounds where the covalent and ionic contributions to bonding are stronger, the intensity of the short wavelength maximum is less. ScB_2 shows the strongest tendency toward covalent bonding. The position of the two peaks for ScB_2 supports the idea that the short wavelength maximum corresponds to the metallic Me-Me bond and the long wavelength maximum to the covalent Me-B bond. The spectrum of ScC shows two approximately equivalent maxima, both shifted by about 2 ev toward the shorter wavelength. This is in good agreement with previous notions that the strong bonding forces in high temperature transition metal compounds exist due to an almost equivalent contribution to bonding of the covalent and metallic d electrons. The spectrum of ScN shows the largest difference between the two maxima. The short wavelength maximum has the higher intensity and width. The increased contribution of the 2p states of N to the 3d band of Sc increases the probability of emission. The metallic nature of bonding in the nitride is supported by the disappearance of the long wavelength maximum of the K absorption edge (reported previously) and the closeness of approach between the K_{β_5} emission line (2p+3d states) and its satellite (2s states of the metalloid). It follows from this that the separation between the K_{β_5} and K_{β} lines can, to a certain degree, be used to characterize the energy levels of the valence bonds of the metal and the metalloid. Whenever these lines come close, one can expect the metallic exchange interaction to pre-

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ACC NR: AP6032850

vail over the covalent interaction. Among the high temperature compounds involving transition metals of the first period (of those that have thus far been investigated), ScN, TiC, VC and CrB show the greatest degree of approach between K_{β_5} and $K_{\beta''}$ (the sum of the valence electrons among the interacting atoms approaches a stable octet). This characteristic of the high melting compounds leads one to suspect that certain regularity exists in their energy spectra. The melting points of the Sc compounds decrease in the same order (ScN $\rightarrow$ ScC $\rightarrow$ ScB₂ $\rightarrow$ Sc₂O₃), in which the 2s and 2p + 3d bonds separate. Presented by Academician G. V. Kurdyumov on 24 November 1965. Orig. art. has: 1 table, 1 figure.

SUB CODE: 0720/

SUBM DATE: 24May65/

ORIG REF: 009/

OTH REF: 003

Card 3/3

GRACHEV, I.I.; VLADIMIROVA, A.D.

Surgical separation of the mammary glands in goats. Biul. eksp.
biol. i med. 38 no.11:76-78 N '54. (MLRA 8:1)

1. Iz kafedry fiziologii vysshey nervnoy deyatel'nosti (zav. akad.
K.M.Bykov) Leningradskogo gosudarstvennogo universiteta imeni
A.A.Zhdanova.

(BREAST,

mammary gland, surg. separation in goats)

VLADIMIROVA, A.D.

Reflector modifications of vascular reactions in the mammary gland.
Dokl.AN SSSR 95 no.3:689-692 Mr '54. (MLRA 7:3)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova.
Predstavleno akademikom K.M.Bykovym. (Mammary glands)

VLADIMIROVA, A.D.

Temperature changes of the mammary gland. Vest.Len.un.10 no.1:83-93
Ja '55. (MIRA 8:4)
(Udder)

VLADIMIROVA, A.D.

Effect of prolonged stimulation of sensory nerves at different
temperature on the sensitivity of heart in frogs. Nauch biul.
Len. un. no.33:49-52 '55. (MLRA 10:4)

(HEART--INNERVATION) (TEMPERATURE--PHYSIOLOGICAL EFFECT)

VLADIMIROVA, A.D.

Conditioned reflex changes in the temperature of the udder of goats.
Dokl. AN SSSR 109 no.5:1061-1064 Ag. 1956. (MIRA 9:10)

1. Leningradskiy gosudarstvennyy universitet imeni A.A. Zhdanova.
Predstavleno akademikom K.M. Bykovym.
(UDDER) (CONDITIONED RESPONSE)

VLADIMIROVA, A.D.

Changes in the activity of some enzymes of carbohydrate metabolism in leukocytes in leukemia and polycythemia.
Vop. med. khim. 10 no.6:589-595 N-D '64.

(MIRA 19:1)

1. Laboratoriya biokhimii Leningradskogo instituta pere-
livaniya krovi.

VLADIMIROVA, A.D.; SEYTS, I.F.

Content of uridine diphosphate glucose in the leucocytes in
healthy and leukemic persons. Biul.eksp.biol.i med. 58
no.10:56-59 0 '64. (MIRA 18:12)

1. Biokhimicheskaya laboratoriya (zav. - prof. I.F.Seyts)
Leningradskogo nauchno-issledovatel'skogo instituta
perelivaniya krovi (dir. - dotsent A.D.Belyakov). Submitted
July 22, 1963.

VLADIMIROVA, A.D. .

Materials on reflex regulation of the milk-secreting function of
mammary glands. Vest.LGU 18 no.3:99-108 '63. (MIRA 16:2)
(LACTATION)

VLADIMIROVA, A.D.; SEYTS, I.F.

Inhibition of the fermentation of macerated yeast juice by
rat liver mitochondria. Biokhimiia 26 no.6:1070-1076 N-D '61.
(MIRA 15:6)

1. Institute of Blood Transfusion, Leningrad.
(FERMENTATION) (LIVER) (MITOCHONDRIA)